

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 203-589CIP CON FWC CON III	SERIAL NO.: 10/037,977
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANTS: David A. Nichols et al.	
		FILING DATE: November 9, 2001	GROUP ART UNIT: Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SW</i>	5,782,859	7/21/98	Nicholas et al.			
	5,383,888	1/24/95	Zvenyatsky et al.			
	5,245,987	9/21/93	Redmond et al.			
	5,237,985	8/24/93	Hodgson et al.			
	5,235,966	8/17/93	Janner			
	5,195,505	3/23/93	Josefson			
	5,178,133	1/12/93	Pena			
	5,174,300	12/29/92	Bales et al.			
	5,135,524	8/4/92	Bonnel			
	5,131,382	7/21/92	Meyer			
	5,104,377	4/14/92	Levine			
	4,919,152	4/24/90	Ger			
<i>SW</i>	4,688,555	8/25/87	Wardle			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>SW</i>	0165472A2	12/1985	EPO				<input checked="" type="checkbox"/>
<i>SW</i>	0165472B1	12/1995	EPO				<input checked="" type="checkbox"/>
<i>SW</i>	0405250A1	01/1991	EPO				<input checked="" type="checkbox"/>
<i>SW</i>	0405250B1	01/1991	EPO				<input checked="" type="checkbox"/>
<i>SW</i>	0412282A1	2/1991	EPO				<input checked="" type="checkbox"/>
<i>SW</i>	0412282B1	2/1991	EPO				<input checked="" type="checkbox"/>
	2469912	11/1979	France				<input checked="" type="checkbox"/>
	8535164	4/1986	Germany				<input checked="" type="checkbox"/>
	101674	4/1988	Germany				<input checked="" type="checkbox"/>
	736949	5/1980	U.S.S.R.				<input checked="" type="checkbox"/>

EXAMINER

Sarah Habb

DATE CONSIDERED

5-25-04

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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~~TRADE~~ U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW	4,672,964	6/16/64	Dee et al.			
	4,646,751	3/3/87	Maslanka			
	4,430,076	2/7/84	Harris			
	4,022,208	5/10/77	Valtchev			
	4,000,743	1/4/77	Weaver			
	3,877,433	4/15/75	Librach			
	3,667,474	6/6/72	Lapkin et al.			
	3,314,431	4/18/67	R. M. Smith, Jr.			
	3,144,020	8/11/64	F. G. Zingale			
	2,028,635	1/21/36	F. C. Wappler			
	1,620,828	3/15/27	M. Molony			
SW	1,127,948	2/9/15	R. H. Wappler			

FOREIGN PATENT DOCUMENTS

EXAMINER

Sarah Webb

DATE CONSIDERED

S-25-04

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